

[54] ENZYMATIC DETERMINATION OF  
GLUCOSE

[75] Inventors: Dieter Banauch; Wolfgang  
Brümmer; Wolfgang Ebeling;  
Roland Helger; Norbert Hennrich;  
Hermann Lang, all of Darmstadt,  
Germany

[73] Assignee: Merck Patent Gesellschaft mit  
beschränkter Haftung, Darmstadt,  
Germany

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Primary Examiner—David M. Naff

Attorney, Agent, or Firm—Millen, Raptis & White

[57]

ABSTRACT

Glucose is rapidly and quantitatively determined with an analytical agent containing glucose dehydrogenase having an activity of at least 2  $\mu$ /mg and NADH<sub>2</sub> oxidase activity less than 0.1%, a pyridine coenzyme, a buffer and mutarotase to increase spontaneous mutarotation of alpha-glucose to beta-glucose. There may be optionally present inhibitors for reduced pyridine coenzyme oxidases and a thermal stabilizing amount of alkali metal chloride.

10 Claims, No Drawings